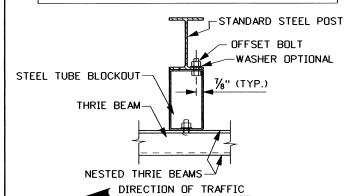
SPECIFICATION NOTES

- 1. ALL STEEL SHALL CONFORM TO ASTM A 36.
- 2. FLAT PLATE PANELS ARE 3/6" THICK.
- 3. STIFFENERS ARE 1/4" PLATE STEEL.
 4. ALL HOLE DIAMETERS ARE 1".
- 5. WELD COMPONENTS WITH E60 WELDING ROD.
- 6. GALVANIZE.

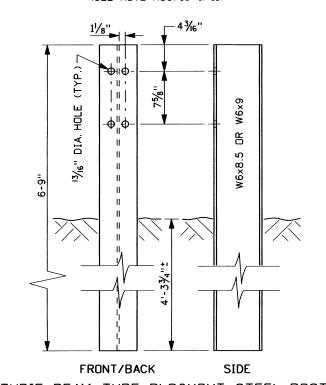
WELDING INSTRUCTIONS

- (I) STIFFENERS LOCATED ON THE OUTSIDE EDGES OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS: 3/6" CONTINUOUS BACK WELD ON EXTERNAL SIDES AND 3/6" FILET WELD BY 1" LONG SPACE AT 2" ON INTERNAL SIDES.
- (II) STIFFENERS LOCATED ON THE INSIDE OF THE COVER PLATES SHALL BE WELDED AS FOLLOWS $rac{3}{6}$ " FILLET WELD BY 1" LONG SPACED AT 2".
- (III) RECTANGULAR AND TRIANGULAR COVER PLATES SHALL BE WELDED TOGETHER WITH A 3/6" CON-TINUOUS BACK WELD ON BOTH SIDES.



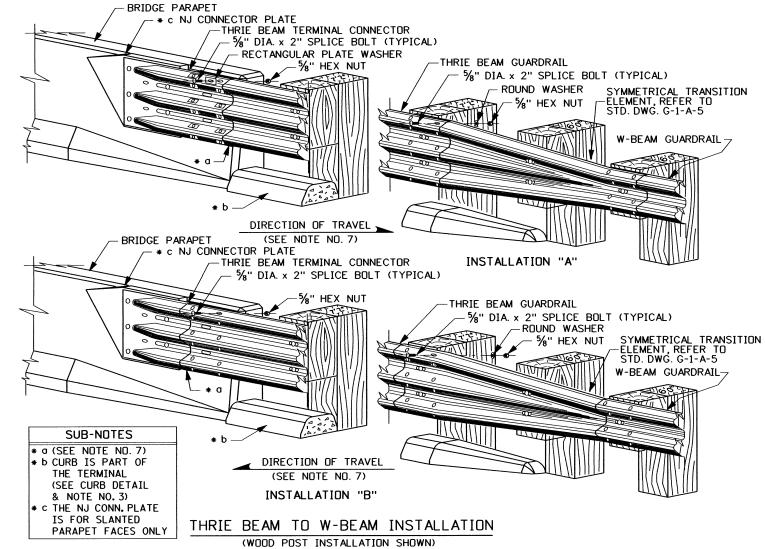
TYPE 3 STEEL TUBE BOLTING DETAIL

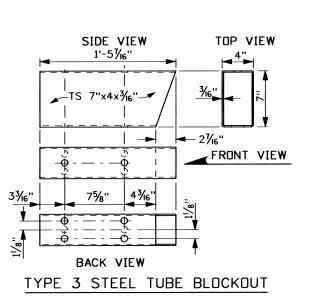
(SEE NOTE NOS. 10 & 11)



THRIE BEAM TUBE BLOCKOUT STEEL POST

NCHRP 350,TL-3



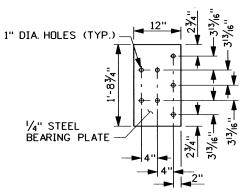


TOP (TYPICAL) POSTS NOS. 1-7 POST NO. 8 -₩00D|< 8" POST -STEEL ¾" DIA POST HOLES (TYP.) FRONT/BACK SIDE FRONT/BACK SIDE

TYPE 3 WOOD BLOCKOUT DETAILS

1'-03/6" TOP 2%" 1'-8" 1'-0" 21/8" 9¾ 13/4" 313/16" 313/16" 21/2" 2%" SIDE VIEW 101/21 **ELEVATION**

NEW JERSEY CONNECTOR PLATE (TO BE PLACED ON INSIDE PARAPET FACE ONLY)



THRIE BEAM CONNECTOR PLATE

ITEM NO. FPB07

NOTES

1. THIS DRAWING REQUIRES STANDARD DRAWINGS G-1-A-1 THROUGH G-1-A-5 AND IS SUBJECT TO THE W-BEAM GUARDRAIL AND THRIE BEAM INSTALLATION REQUIREMENTS AND HARDWARE/ACCESSORY SPECIFICATIONS. 2. ALL THRIE BEAM BARRIER RAIL AND ACCESSORIES SHALL CONFORM TO THE SPECIFICATIONS CONTAINED WITHIN THE "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE".

3. TYPE 3 TERMINALS REQUIRE THE INSTALLATION OF CURB SECTION 10 AT THE BASE AND ALONG THE FACE OF POSTS NO. 1 THRU 7 (SEE STD. DWG. H-1 FOR CURB DETAILS).

4. ALL FIELD DRILLED WOODEN W-BEAM AND THRIE BEAM ACCESSORIES SHALL BE PAINTED WITH AN APPROVED PRESERVATIVE.

5. NO PUNCHING, DRILLING, CUTTING, OR WELDING WILL BE PERMITTED ON ANY METAL W-BEAM, THRIE BEAM OR GALVANIZED ACCESSORY.

6. THE TYPE 3 TERMINAL SHALL BE USED WITH PARAPETS DETAILED ON STANDARD DRAWINGS G-2-C, G-2-D, AND BRIDGE DRAWING TYPE IV STANDARD CONCRETE PARAPET WITH THRIE BEAM GUARDRAIL. REFER TO STANDARD DRAWINGS G-2-C AND G-2-D FOR CONCRETE TRANSITION BARRIER OR CONCRETE TRANSITION PARAPET BARRIER.

7. WHEN ATTACHING THRIE BEAM AND W-BEAM RAIL TO THE SYMMETRICAL TRANSITION ELEMENT LAPP THE RAIL IN THE DIRECTION OF THE NEAREST TRAFFIC LANE TO PREVENT SNAGGING.

8. FIELD WARPING THE THRIE BEAM END TO THE SLOPED FACE OF THE CONCRETE PARAPET IS NOT ALLOWED. THE NEW JERSEY CONNECTOR PLATE WITH THRIE BEAM CONNECTOR PLATE SHALL BE USED. 9. ALL THRIE BEAM GUARDRAIL POSTS NOS. 1-7 SHALL BE EITHER

WOOD WITH WOOD BLOCKOUTS
OR STEEL WITH STEEL TUBE
BLOCKOUTS, POST NO. 8 SHALL
BE WOOD OR STEEL WITH
MODIFIED WOOD BLOCKOUT.

English STANDARD DRWG. NO. 5-15-07

REVISIONS DATE BY NO. DATE

BY NO. DATE BY ARE FOR 11" X 17" MSM 11 4-06 MSM 4-93 MSM 6 5-02 PRINTS ONLY MSM 12 11-06 MSM 6-96 9-03 MSM CADD FILE NAME gle_0507.std 7-00 MSM 11-03 MSM 13 MSM 8 5-07 10-00 MSM 6-04 MSM DRWG. DRIG. DATE: JUNE, 1988 MSM 10 11-04 MSM 6-01

SCALES SHOWN

IDAHO TRANSPORTATION **DEPARTMENT**

BOISE IDAHO

(DEVELOPMENT) CHIEF ENGINEER

GUARDRAIL TERMINAL TYPE 3

STANDARD DRAWING

REQUIRES SHEET 2 OF 2 & STD. DWGS. G-1-A-1 THRU G-1-A-5 & H-1 G-1-E

SHEET 1 OF 2

